

Crossroads Learning Center Water Sampling Lead Analysis Report

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of Crossroads Learning Center, 2441 E. Seven Mile Rd., Detroit, MI., on May 31st, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Glenda Reed on May $18^{\rm th}$, 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters Field Scientist

Monica Starks, CIEC

Principal

Council-certified Indoor Environmental Consultant Board-awarded by the American Council for Accredited Certification



Appendix 1, Lab Results, Chain of Custody



APPENDIX 1 Laboratory Results and Chain of Custody

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 356805 6/23/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Crossroads Intergenerational, DC-01-KC-01-P

2441 B. 7 Hits Rd

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

M. Etters

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

This column indicates the contaminant dilution factor.

Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
		Inorganic Analy	tes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 5/31/2016 07:2	0	6/21/2016

These test results may be used for compliance purpose as required.

Analyst Tests EC 200.8

James Abston, Operations Manager

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356805

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ANALYTICAL REPORTS

SAMPLE CODE: 356806 6/23/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Crossroads Intergenerational, DC-01-KC-01-F

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

M. Etters

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Legend:

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"NA"

Not Analyzed

"Standard"

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1030 Lead	200.8 0.015	Inorganic Analys	tes - Metals ND	1	5/31/2016 07:2	10	6/21/2016	

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SAMPLE CODE: 356807 6/23/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Crossroads Intergenerational, DC-01-CBF-02-P

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

M. Etters

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		Inorganic Anal	ytes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 5/31/2016 07:20	0	6/21/2016

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ANALYTICAL REPORTS

SAMPLE CODE: 356808 6/23/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Crossroads Intergenerational, DC-01-CBF-02-F

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

M. Etters

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Fed Id # Contaminant	Method Standa	ird Units LRL	Level	DF Date/Time	Date	Date/Time
			Detected	Sampled	Prepped	Analyzed
		Inorganic Ana	ilvtes - Metals			

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EC 200.8

James Abston, Operations Manager

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SAMPLE CODE: 356809 6/23/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Crossroads Intergenerational, DC-01-BF-03-P

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

M. Etters

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Report Notes:

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1030 Lead	200.8 0.015	mg/L 0.001	0.001	1 5/31/2016 07:2	0	6/21/2016	

These test results may be used for compliance purpose as required.

Analyst Tests EC 200.8

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SAMPLE CODE: 356810 6/23/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Crossroads Intergenerational, DC-01-BF-03-F

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

M. Etters

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"ND"

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Not Analyzed

"Standard" This column is

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Report Notes:

Fed Id # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
		Inorganic Anal	lytes - Metals			
1030 Lead	200.8 0.015	mg/L 0,001	ND	1 5/31/2016 07:	20	6/21/2016

These test results may be used for compliance purpose as required.

James Abston, Operations Manager

National Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077783

05/20/2016

Sample Number: Product:

Lead Only

	Sample Paid:	No	Payment Method:
Sold To:	TSR: EF		•
G. S. Group			
Monica Starks			For Laboratory Use ONLY
17800 Woodward Ave			Lab Accounting Information:
Detroit	MI 48203		Payment \$:
			Check #:
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Check Time Zone: ☐ EST ☐ CS	T MST PST		
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DISTRIBUTE 2441	E. 7 Milo Rd		
Number: 3/3 - 2	33 - 6327 mananamananananananananananananan		
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Mational Testing Laboratories, Ltd.

Quality Water Analysis

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General Compliance

Order Number:

2077783

Order Date:

05/20/2016

Sample Number:

356806

Product:

Lead Only

Sample Paid: No

Sold To:	TSR: EF	
G. S. Group		For Laboratory Use ONLY
Monica Starks 17800 Woodward Ave		Lab Accounting Information:
Detroit Ave	MI 48203	Payment \$:
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M National Testing Laboratories, Ltd.

Quality Water Analysis

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Sample Paid: No

Lead Only

Sold To:	TSR: EF		
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Detroit	MI 48203	Payment \$:	
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Phone 2441	E. 7 Milo Rd.		
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M National Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077783

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05/20/2016

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111356808 1111

Product:

Lead Only

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Sold To:	TSR: EF	
G. S. Group		For Laboratory Use ONLY
Monica Starks		
17800 Woodward Ave		Lab Accounting Information:
Detroit	MI 48203	Payment \$:
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Sample Collected B	(Signature)	Sample receipt criteria checked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form.
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M National Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

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Order Number:

2077783

Order Date:

05/20/2016

Sample Number:

Product:

Lead Only

Sample Paid: No

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G. S. Group		For Laboratory Use ONLY
Monica Starks		Lab Accounting Information:
17800 Woodward Ave	***	Payment \$:
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Mational Testing Laboratories, Ltd.

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077783

05/20/2016

356810

Sample Number:

Lead Only

Sample Paid: No

Product:

Sold To:	TSR: EF	•
G. S. Group		For Laboratory Use ONLY
Monica Starks 17800 Woodward Ave		Lab Accounting Information:
Detroit	MI 48203	Payment \$:
		Check #:
Date Sampled : 5 /31/		Lab Comments/Special Instructions:
Time Sampled: $7:20$	Please Use Military Time, e.g. 3 00pm = 15,00	
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Client Name: Cross Nog	5 Intergenerational	
2441	B.7 Mile Rd	
Number: 513	233-6327	
PWS ID# (if applicable):	N/B	State Forms:
Sample ID or Source: DC	-01-BF-03-F	
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